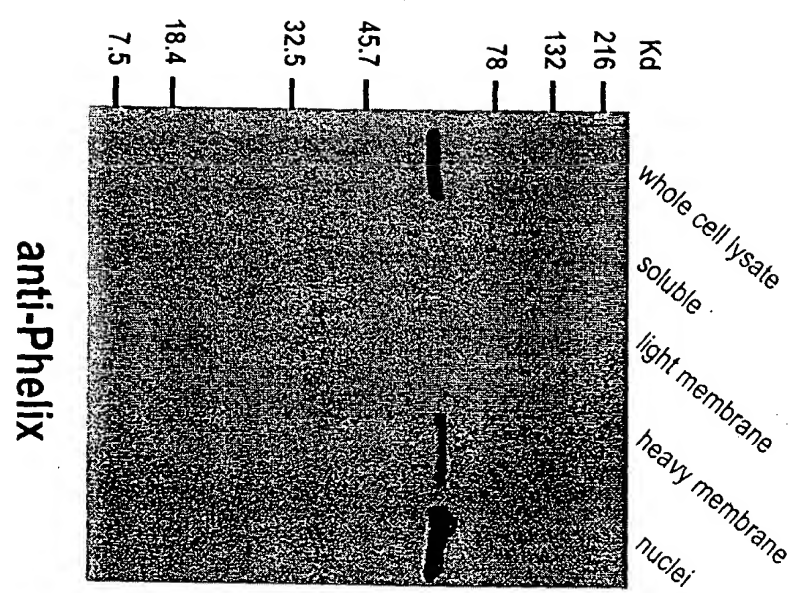


anti-HIS



anti-Phelix

FIG. 9

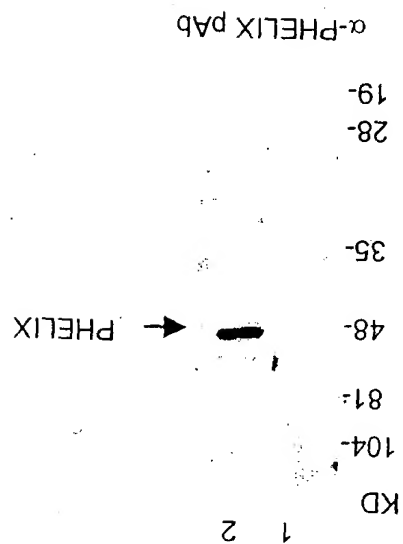
Title: PHELIX: A TESTIS-SPECIFIC PROTEIN EXPRESSED IN
 CANCER
 First Inventor: Daniel E. H. AFAR, *et al.*
 Application No.: 09/389,000
 Docket No.: 511582002700
 11/11





Title: PHELIX: A TESTIS-SPECIFIC PROTEIN EXPRESSED IN
CANCER
First Inventor: Daniel E. H. AFAR, et al.
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Lanes:

1. 293T cells transfected with pcDNA3.1
2. 293T cells transfected with PHELIX-mycHis

FIG. 8



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30x

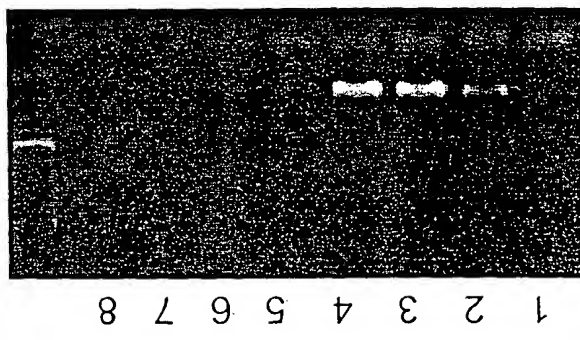


FIG. 7A

30x

35x

1 2 3 4 5 6 7 8 1 2 3 4 5 6 7 8

FIG. 7B

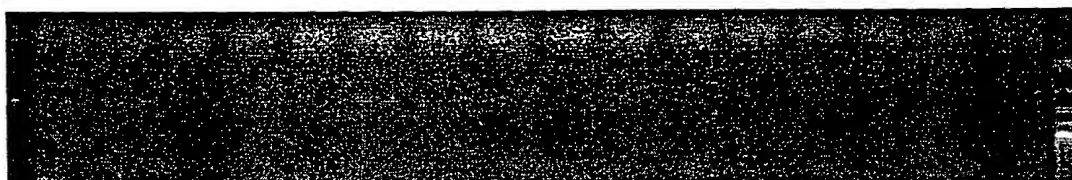


FIG. 7C

Panels:

A

1. Brain
2. Prostate
3. LAPC-4 AD
4. LAPC-4 AI
5. LAPC-9 AD
6. HeLa
7. Murine cDNA
8. Neg. control

B

1. Brain
2. Heart
3. Kidney
4. Liver
5. Lung
6. Pancreas
7. Placenta
8. Skeletal Muscle

C

1. Colon
2. Ovary
3. Leukocytes
4. Prostate
5. Small Intestine
6. Spleen
7. Testis
8. Thymus



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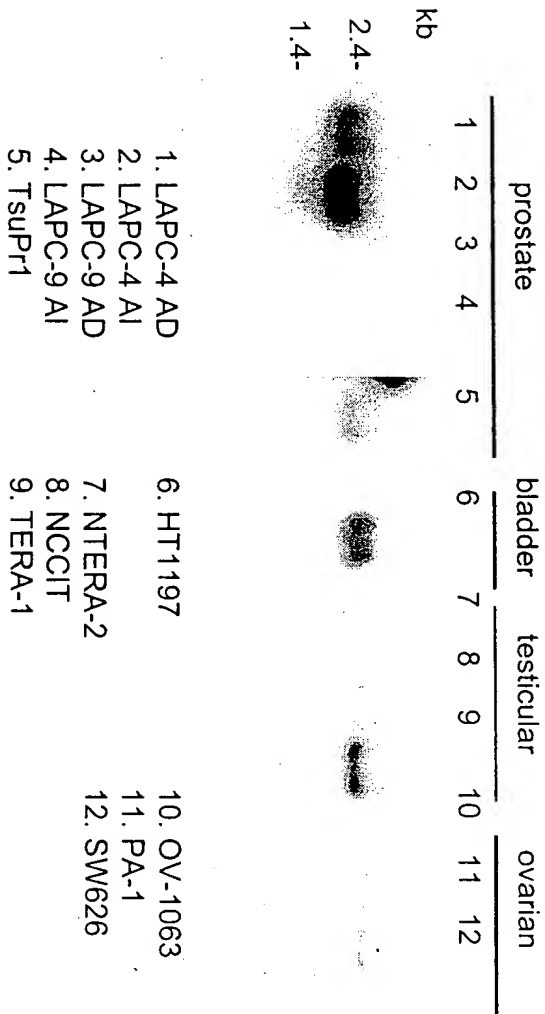
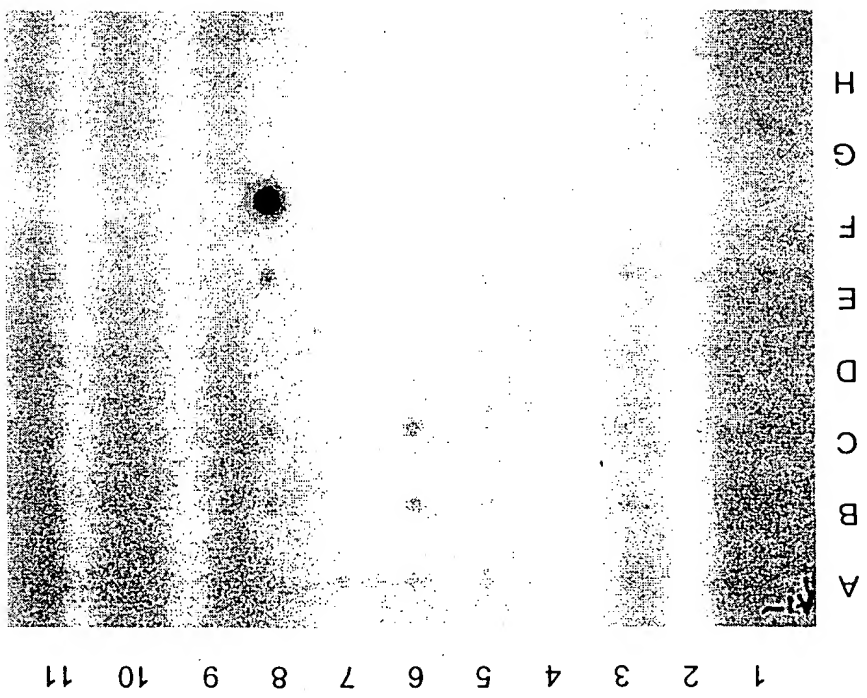


FIG. 6



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First Inventor: Daniel E. H. AFAR, et al.
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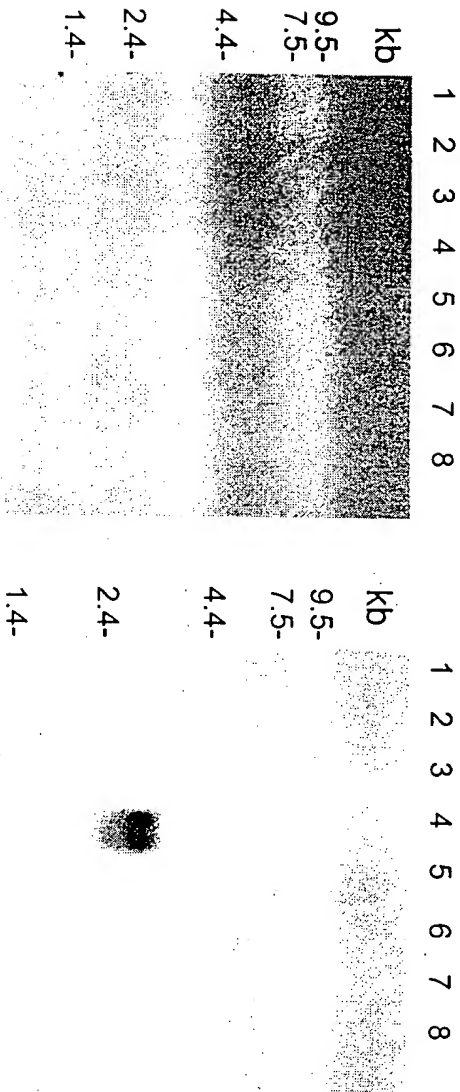
- | | | | |
|----------------------|----------------------|----------------------------|-----------------------|
| A1 whole brain | B1 cerebral cortex | C1 frontal lobe | D1 parietal lobe |
| A2 cerebellum, left | B2 cerebellum, right | C2 corpus callosum | D2 amygdala |
| A3 substantia nigra | B3 accumbens nucleus | C3 thalamus | D3 pituitary gland |
| A4 heart | B4 aorta | C4 atrium, left | D4 atrium, right |
| A5 esophagus | B5 stomach | C5 duodenum | D5 jejunum |
| A6 colon, transverse | B6 colon, descending | C6 rectum | D6 - |
| A7 kidney | B7 skeletal muscle | C7 spleen | D7 thymus |
| A8 lung | B8 placenta | C8 bladder | D8 uterus |
| A9 liver | B9 pancreas | C9 adrenal gland | D9 thyroid gland |
| A10 HL60, leukemia | B10 HeLa, S3 | C10 K562, leukemia | D10 MOLT-4, leukemia |
| A11 fetal brain | B11 fetal heart | C11 fetal kidney | D11 fetal liver |
| E1 occipital lobe | F1 temporal lobe | G1 paracentral gyrus | H1 pons |
| E2 caudate nucleus | F2 hippocampus | G2 medulla oblongata | H2 putamen |
| E3 spinal cord | F3 - | G3 - | H3 - |
| E4 ventricle, left | F4 ventricle, right | G4 interventricular septum | H4 apex of the heart |
| E5 ileum | F5 ilocecum | G5 appendix | H5 colon, ascending |
| E6 - | F6 - | G6 - | H6 - |
| E7 leukocytes | F7 lymph node | G7 bone marrow | H7 trachea |
| E8 prostate | F8 testis | G8 ovary | H8 - |
| E9 salivary gland | F9 mammary gland | G9 - | H9 - |
| E10 RAJI, lymphoma | F10 DAUDI, lymphoma | G10 SW480, colon cancer | H10 A549, lung cancer |
| E11 fetal spleen | F11 fetal thymus | G11 fetal lung | H11 - |

FIG. 5



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1. Heart
2. Brain
3. Placenta
4. Lung
5. Liver
6. Skeletal Muscle
7. Kidney
8. Pancreas

FIG. 4A

1. Spleen
2. Thymus
3. Prostate
4. Testis
5. Ovary
6. Small Intestine
7. Colon
8. Leukocytes

FIG. 4B